

PROJECT 11073 RECORD CARD

1. DATE	2. LOCATION		3. CONCLUSIONS		
29 JUL 52	OSCEOLA, WISCONSIN		<input type="checkbox"/> Yes Aircraft	<input type="checkbox"/> Probably Airplane	<input type="checkbox"/> Possibly Airplane
4. DATE-TIME CLOUDS	5. TYPE OF OBSERVATION		<input type="checkbox"/> Ground-Visual	<input type="checkbox"/> Ground-Radar	<input type="checkbox"/> Yes Aircraft
Local 29/0130	6. AIR VIEWS		<input type="checkbox"/> Air-Visual	<input type="checkbox"/> Air-Radar	<input type="checkbox"/> Probably Airplane
GMT	7. SOURCE		<input type="checkbox"/> Yes Airplane	<input type="checkbox"/> Probably Airplane	<input type="checkbox"/> Possibly Airplane
8. PHOTOS	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Varied	<input type="checkbox"/> Other	<input type="checkbox"/> Insufficient Data or Unknown
9. LENGTH OF OBSERVATION	10. NUMBER OF OBJECTS		11. COURSE		
One hour	Numerous				

12. BRIEF SUMMARY OF SIGHTING

Numerous objects were observed on radar scope over a period of one hour traveling at varied speeds. An F-51 a/c was scrambled to the air for the purpose of observing objects. Objects were observed from 25,000 ft at an estimated altitude of 125,000 ft.

See Also: Film 1 7HS-348

See following accession

1. Scope photos have been observed by electronic experts.

2. 500 scope film for later analysis

ACTION

1. ATIAA

OPERATIONAL IMMEDIATE

2. ATIA

JUL 19 1962 09 15

3. C. Files

RD295

WPE283

VMX112

JEDKF 039

1352

OPOP JEDEN JEDWP JEPHQ 333

DE JEDKF 027

OP 321530Z ZNJ

FM CO 674TH ACW SQ OSCEOLA WIS

TO JEPHQ/D/I INT HQ USAF WASHINGTON DC

JEDWP/CO ATIC WRIGHT PATTISON AFB OHIO ATIAA-2C

JEDEN/CG ADC ENT AFB COLO

NL1/CG CADF KSC MO

OVJ/CG 31ST ADIV FT SNELLING MINN

674-30-G-01. FLYING OBJECTS GROUND ELECTRONIC
MEANS 230130S. SIZE UNDETERMINED. SIZE OF SLIP VARIED. TOP SPEED 600 MPH
REPORT AND COMPUTATIONS SUBMITTED BY OFFICER CONTROLLERS ON DUTY. A/C
SCRAMBLED FROM 139TH FTR INTERCEPTOR SQUADRON. TARGETS APPEARED IN
GENERAL AREA SURROUNDING ST PAUL-MINNEAPOLIS. WEATHER CAVU.

321530Z JUL 7VK

ACTION/INFOR./INFOR.
A.G.O. 1

130 PM 1:54

cyt.

AIR INFORMATION FROM REPORT

From (Agency)	Rep. off No.
674th AC&W Sq., Ossceola, Wis.	3-52
	Page 2 of 2 Pages

5. IDENTIFYING INFORMATION OF OBSERVERS:

NAME 1st Lt, USAF AFSC 2195 6 Yrs. Experience
NAME 1st Lt, USAF AFSC 1631 3 Mos. Experience

6. WEATHER AT TIME OF SIGHTING: Weather at sighting station was CAVU. Weather in area of sightings was CAVU as reported by pilot. There was no lightning reported. Winds aloft were unknown.

7. CONDITIONS ACCOUNTING FOR SIGHTING: Nothing that has not been stated.

8. EXISTENCE OF EVIDENCE:

a. Photographs of radar scope showing size, number and movement of targets. Photographs are in two (2) inclusions.

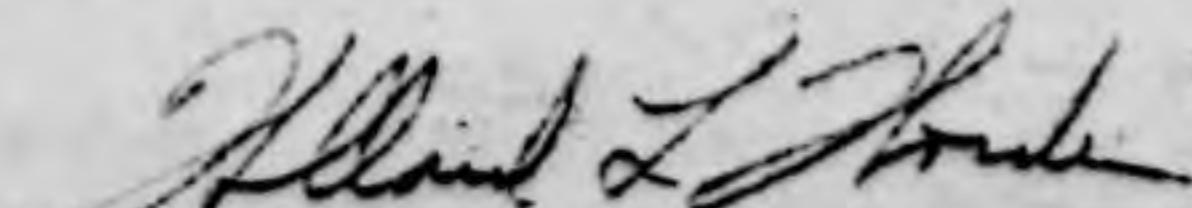
- (1) Inclusion #1, this report, is a series of eight (8) photographs, times as indicated on photographs, showing eight (8) individual views of sighting in form of well defined target as it progressed across radar scope. Each photograph is a print of Incl #1, this report, and has appropriate annotations on reverse side.
- (2) Inclusion #2, this report, is a series of three (3) photographs, times as indicated on photographs, showing three (3) individual views of sighting in form of multiple target as they appeared on radar scope. Each photograph is a print of Incl #2, this report, and has appropriate annotations on reverse side.

b. Signed narrative statements of observers. Statement is one (1) inclusion.

- (1) Inclusion #3, this report, is one (1) signed narrative statement by observers of unidentified flying objects. Statement has appropriate annotations on reverse side.

9. INTERCEPTION OR IDENTIFICATION ACTION TAKEN: One (1) P-51 type Aircraft was sent to sighting area by the 674th AC&W Sq., controller for purpose of intercepting and/or identifying unknown targets. This aircraft was from the 49th Ftr.-Intercept Sq., Mpls-Chamberlain Fld., Minneapolis, Minn. Pilot did report visually sighting unidentified flying objects but interception and/or identification was not possible. This action occurred between 290130S and 290255S.

10. LOCATION OF AIR TRAFFIC: One (1) P-51 type aircraft was in an area fifty (50) to seventy (70) nautical miles south and south southeast of 45/15N-92/3S/5.4W between the altitudes of 6000 to 10000 feet during the sighting period.



WILLARD L. WONDERN
Lt Col, USAF
Commanding

AIR INTELLIGENCE INFORMATION REPORT

From (Agency)
674th AC&W Sq, Osceola, Wis.

Report No.
3-52

Page 1 of 2 Pages

1. DESCRIPTION OF OBJECTS: Numerous unidentified flying objects of undetermined size or shape were sighted by ground electronic means in the early morning of 29 July 1952 by members of the 674th AC&W Sq., Osceola, Wisconsin, who were on duty. Size of the blips which constituted the sightings were normal with the exception of one (1) large well defined target (Reference is made to Incl #1, this report), speed of this target was 600 knots as computed on the radar scope set on the fifty (50) nautical mile range. The remainder of the sightings were individual sightings having multiple targets, up to ten (10), appearing in a loose cluster on the radar scope (Reference is made to Incl #2, this report), speed of these targets was fifty (50) to sixty (60) knots as computed on the radar scope set on the fifty (50) nautical mile range. The only possible formation noted during the entire sighting period was during one (1) or two (2) of the sightings which consisted of multiple targets when two (2) or three (3) of these targets might possibly have been moving in a loose formation. All targets suddenly appeared on the radar scope and after having traveled between thirty (30) and seventy (70) nautical miles would just as suddenly disappear. Targets did not appear on the height indicator due to anomalous propagation. Targets followed a general pattern of appearing on the radar scope southwest of the sighting station and proceeding easterly until disappearing. There was a continual overlapping of patterns on the radar scope; a new pattern would have appeared before the old pattern would have disappeared. In the sightings which consisted of multiple targets (Reference is made to Incl #2, this report), with the exception of possible formation movement (no applicable enclosure) targets progressed across the radar scope, until disappearing, independently of each other in regard to track and heading with some targets making a turning course. There was some correlation between these electronic sightings and visual sightings made by a pilot of the 109th Ftr-Interceptor Sq., Wold-Chamberlain Fld., Minneapolis, Minn., who was scrambled by the 674th AC&W Sq. controller in conjunction with the radar sightings. This correlation placed both types of sightings in the same area at the same time. Pilot estimated height of objects he visually saw at 125,000 feet. Sighting station was specifically searching for possible unidentified flying objects at time of first sighting due to a Ground Observers Corps report of visual sighting of unidentified flying objects.

2. TIME OF SIGHTINGS: Sightings occurred between 290130S and 290230S lasting one (1) hour.

3. MANNER OF SIGHTINGS: Sightings covered by this report were made by ground electronic equipment. Type of equipment—AN/CPS-6B; Frequency—2725Mc to 3005Mc; PRF—600PPS; Antenna tilt—For sighting in which target was well defined blip (Reference is made to Incl #1, this report) antenna tilt was nine (9) degrees, for other sightings (Reference is made to Incl #2, this report) antenna tilt was five (5) degrees. All meter readings were normal and equipment was functioning properly.

4. LOCATIONS: Location of sighting station is 45°15'N-92°33'5.4W. Targets would appear on the radar scope in a general area twenty (20) to thirty (30) nautical miles southwest to south of sighting station and after traveling southeast would disappear from the radar scope in a general area thirty (30) nautical miles southeast of sighting station (Reference is made to Incl #1 & #2, this report).

SECURITY INFORMATION

AF FORM 112—PART I
Approved: 5 June 1948CONFIDENTIAL SECURITY
CLASSIFICATION

Country	[REDACTED]		(Leave Blank)
[REDACTED]			
AIR INTELLIGENCE INFORMATION REPORT			
Subject	[REDACTED]		
[REDACTED]			
Area Reported On	[REDACTED] Location of the 674th Air Defense Squadron, Georgia, Miss.		Code (Agency) 674th AD Sqn
Date of Report	1 Aug 1952	Date of Information	25 July 1952
Prepared by (Officer)	WILLARD L. HODGES, Lt. Col., USAF		Source [REDACTED]
References (Control number, directive, previous reports, etc., as applicable)	AFI 200-5 dated 26 April 1952		
Summary: (Enter concise summary of report. Give significance in first one sentence paragraph. List inclosures at lower left. Begin text of report on AF Form 112-Part II.)			
<p>During normal operations in the early morning of 25 July 1952 numerous unidentified flying objects were sighted on the radar indicators of this unit. In the early morning of 25 July 1952 numerous unidentified moving lights were observed in the sky visually by members of this organization. Information relative to these unusual sightings is contained in this report.</p>			

The significance of this report lies in the fact that some of these sightings are Electronic Sightings and that all sightings were made and recorded by competent personnel.

Willard L. Warden
WILLARD L. WARDEN
Lt. Col. USAF
Commanding

3 Incls.

1. Series of six(6) Radar Scope Photographs.
2. Series of seven(7) Radar Scope Photographs.
3. Observers narrative statements.

SECURITY INFORMATION

AF FORM 112—PART II
APPROVED 1 June 1948

AF INTELLIGENCE INFORMATION REPORT

From (Agency)	Report No.	
674th ACW Sq., Dassel, Minn.	2-2	Page 1 of 1 Pages
I. DESCRIPTION OF OBJECTS		
<p>a. Electronically Sighted. Numerous unidentified flying objects of undetermined size or shape were sighted by Ground Electronic means for the entire month of July 1952 by members of the 674th ACW Squadron, Dassel, Minn., while on duty. Some of the blips which constituted the sightings were too faint to be excepted as some sightings which appeared as an artifact made up to the 1/2 of this report). Some would appear and fade on the Radar Scope as a complete unit or one part of the arc appearing and fading before another part. There was no indication of any organized formation noted during sightings. Speeds varied between 14,400 and 20,000 knots as computed on the Radar Scope set on the 200 nautical mile range. Targets either disappeared on reaching the extreme range of the equipment or, after being painted once or twice, failed to reappear. Altitude of targets could not be computed because of their speed. Targets appearing on the Radar Scope followed a general pattern of a clockwise cycle, running south east then westerly, and finally north easterly. One(1) cycle would take approximately two(2) minutes and forty-five(45) seconds for completion. There was an average delay of one(1) minute between cycles. This procedure was repeated over and over again during the entire sighting period. Toward the end of the sightings it was extremely difficult to pick out any one(1) cycle due to the heavy sporadic sightings in the northern half of the Radar Scope and the lessening of the defined sightings in the southern half of the Radar Scope. There was some correlation between these Electronic Sightings and visual sightings made by pilots of the 109th Fis. Sq., Wold-Chamberlain Fld., Minneapolis, Minn., who were scrambled by the 674th ACW Sq., in conjunction with the Radar Sightings. This correlation placed both types of sightings in the same area at the same time.</p>		

b. VISUAL SIGHTINGS: Numerous unidentified moving lights were visually observed in the early morning of 25 July 1952 by members of the 674th AGW Sq., Gadsden, Mississippi, who were then on duty. The lights observed were very short yellowish flashes, each flash lasting approximately one(1) second with three(3) to six(6) seconds elapsing between flashes. The flashes moved very rapidly across the sky. One(1) sighting was of two(2) simultaneous flashes in parallel movement which was the only indication of any possible formation noted. Size and speed were not determined due to lack of comparison with known objects. Lights progressed from the eastern horizon to the western horizon south of the site of the 674th AGW Sq., at what was judged to be twenty(20) degrees above the horizon.

2. TIME OF SIGHTINGS:

a. ELECTRONIC SIGHTINGS: Sightings occurred between 250122S and 250245S lasting one(1) hour and twenty-three(23) minutes.

b. VISUAL SIGHTINGS: All visual sightings covered by this report occurred between 250130S and 250200S lasting thirty(30) minutes.

3. MANNER OF SIGHTINGS:

a. ELECTRONIC SIGHTINGS: Sightings were made by Ground Electronic Equipment.

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(Classification)
SECURITY INFORMATION

SECURITY INFORMATION

AF FORM 112—PART II
APPROVED 2 JUNE 1943

AF 112 INFORMATION REPORT

From (Agency)	Report No.	2	3
674th AG&M Sq., Decatur, Miss.	2-52	Page	of

Type of equipment—10/CR-62; Operating Frequency—2965 Mcs to 2980 Mcs; BW—300 FRS; Antenna RPM—4; HV—311; Antenna Tilt—One (1) Point; Tilt (5) degrees; Antenna Slant—Eight (8) degrees; All major controls were normal and equipment was functioning properly.

b. VISUAL SIGHTINGS: All visual sightings, covered by this report, were made from the ground by naked eye.

4. LOCATION:

a. ELECTRONIC SIGHTING: Location of sighting station is AF AF-92/38/44. Targets would generally appear on the Radar Scope on the 130th azimuth approximately seventy (70) nautical miles out from sighting station and, remaining in the vicinity of this azimuth, would proceed at a great speed away from the sighting station until they went beyond the limit of the equipment. Almost immediately targets would appear in an unpredictable position roughly 100 nautical miles outside of sighting station and proceed in a westerly direction at great speed until running beyond the limit of the equipment (Reference is made to Inc 51, this report). Again targets would immediately appear, this time north of sighting station and, following no particular pattern, would paint once or twice in an easterly direction and disappear.

b. **VISUAL SIGHTINGS:** All visual sightings, covered by this report, were made from the ground at 45°15'N-92°38'5.4W. Lights observed traveled from east to west an unknown distance south of this position. Lights were judged to be about (20) degrees above the horizon.

5. IDENTIFYING INFORMATION OF OBSERVERS:

a. **ELECTRIC SIGHTINGS:**

Capt. USAF	45°16'5	1° 10' 0
1st Lt. USAF	45°16'5	1° 10' 0

b. **VISUAL SIGHTINGS:**

Capt. USAF	██████████	1/20 USAF
1st Lt. USAF	██████████	1/20 USAF
A/C USAF	██████████	1/20 USAF
A/C USAF	██████████	1/20 USAF

6. WEATHER AT TIME OF SIGHTINGS:

a. **ELECTRIC SIGHTINGS:** Weather at sighting station and in the immediate area of sightings was CAVU as reported by pilots. There were several lightning flashes far to the north during this entire period.

b. **VISUAL SIGHTINGS:** Same as above.

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SECURITY INFORMATION

AF FORM 112—PART II
APPROVED 1 June 1948

AF FORM 112—PART II
SECURITY INFORMATION

SECURITY INFORMATION

From (Agency)	Report No.	
224th AGM Sq., Composite Wing	2-57	Page 1 of 1 page

7. CONTINUOUS ACTIVITY FOR STUDY

- a. ELECTRONIC SIGHTINGS: Nothing that has not been stated.
- b. VISUAL SIGHTINGS: Nothing that has not been stated.

8. EXISTENCE OF EVIDENCE

- a. ELECTRONIC SIGHTINGS: Photographs of the Radar Scope showing nine(9) blips and their movements. These photographs are in two(2) inclosures. Inc #1, this report, is a series of six(6) photographs, these are indicated on photographs, showing six(6) individual views of a target as it progressed across the Radar Scope. Each photograph is a point of Inc #1, and has appropriate annotations on the reverse side; Inc #2, this report, is a series of seven(7) photographs, these are indicated on photographs, showing seven(7) individual views of a target that has in the form of an arc as it progressed across the Radar Scope. Each photograph is a point of Inc #2, and has appropriate annotations on the reverse side.
- b. VISUAL SIGHTINGS: Signed narrative statements of observers. Statements are in one(1) inclosure. Inc #3, this report, is five(5) signed narrative statements of observers. Each statement is a point of Inc #3, and has appropriate annotations on the reverse side.

CASE 7

29 July 1952

Oscoda, Wisconsin

Numerous unidentified flying objects of undetermined size or shape were sighted by ground electronic means between 0130S and 0230S (lasting 1 hour) on 29 July 1952 by members of a radar unit located near Oscoda, Wisconsin, who were on duty. Size of the blips which constituted the sightings were normal with the exception of one large well-defined target, speed of this target was 600 knots as computed on the radar scope set on the fifty nautical mile range. The remainder of the sightings were individual sightings having multiple targets, up to ten, appearing in a loose cluster on the radar scope, speed of these targets was fifty to sixty knots as computed on the radar scope set on the fifty nautical mile range. The only possible formation noted during the entire sighting period was during one or two of the sightings which consisted of multiple targets when two or three of these targets might possibly have been moving in a loose formation. All targets suddenly appeared on the radar scope and after having traveled between thirty and seventy nautical miles would just as suddenly disappear. Targets did not appear on the height indicator due to anomalous propagation. Targets followed a general pattern of appearing on the radar scope SW of the sighting station and proceeding E until disappearing. There was a continual overlapping of patterns on the radar scope; a new pattern would have appeared before the old pattern would have disappeared. In the sightings which consisted of multiple targets, with the exception of possible formation movement, targets progressed across the radar scope, until disappearing, independently of each other in regard to track and heading with some targets making a turning course. There was some correlation between these electronic sightings and visual sightings made by a pilot who was scrambled in conjunction with the radar sightings. This correlation placed both types of sightings in the same area at the same time. Pilot estimated height of objects he visually saw at 125,000'. Sighting station was specifically searching for possible unidentified flying objects at time

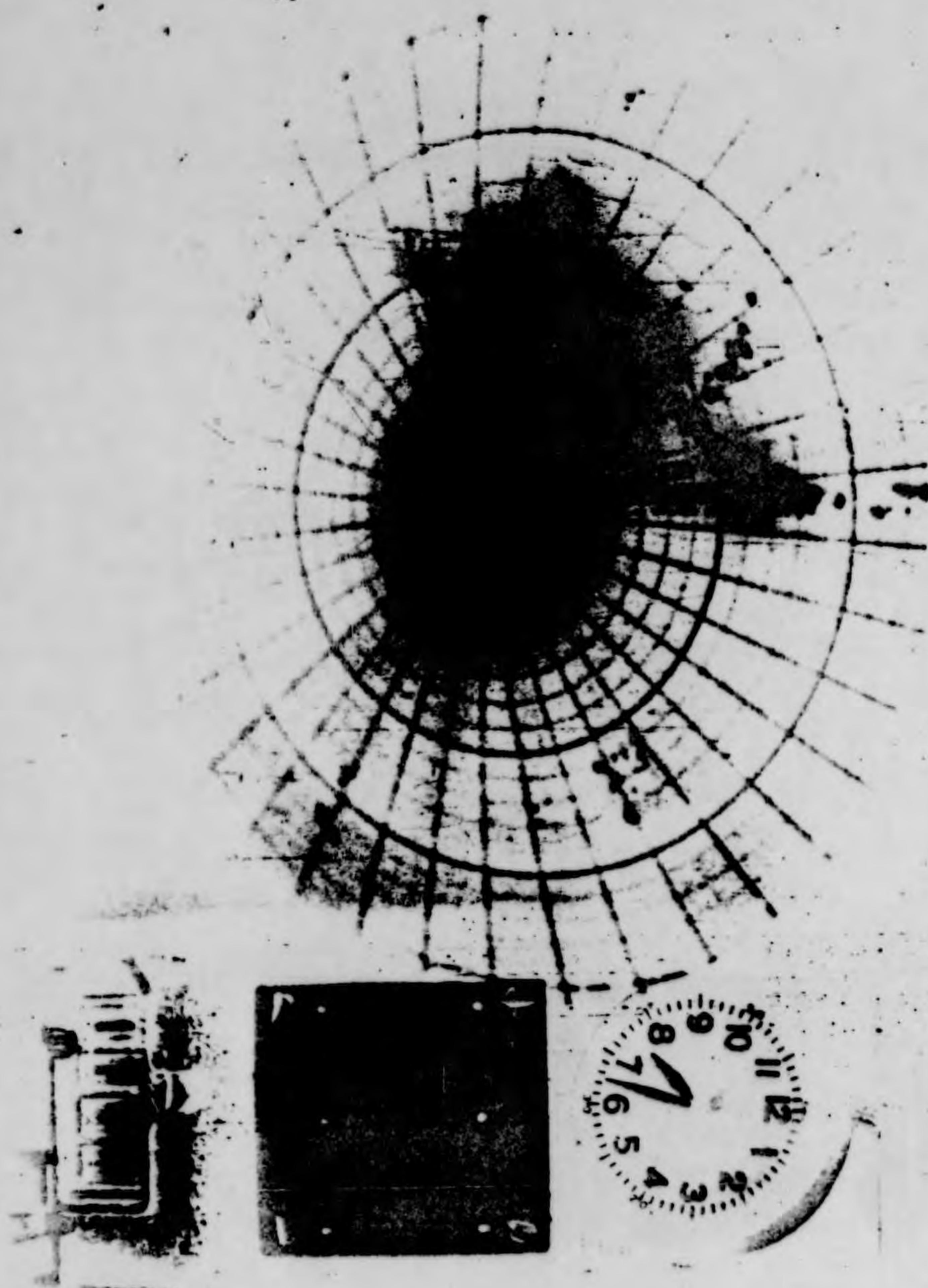
■ ELECTRONIC SIGHTING. Two F-51 type A/C were sent to intercept the 674th ACAC Sq. controller for purposes of intercepting and/or known targets. These A/C were from the 109th Ftr. Sq., Field 63, Minneapolis, Minn.

Br. 1911-1912-1913-1914-1915

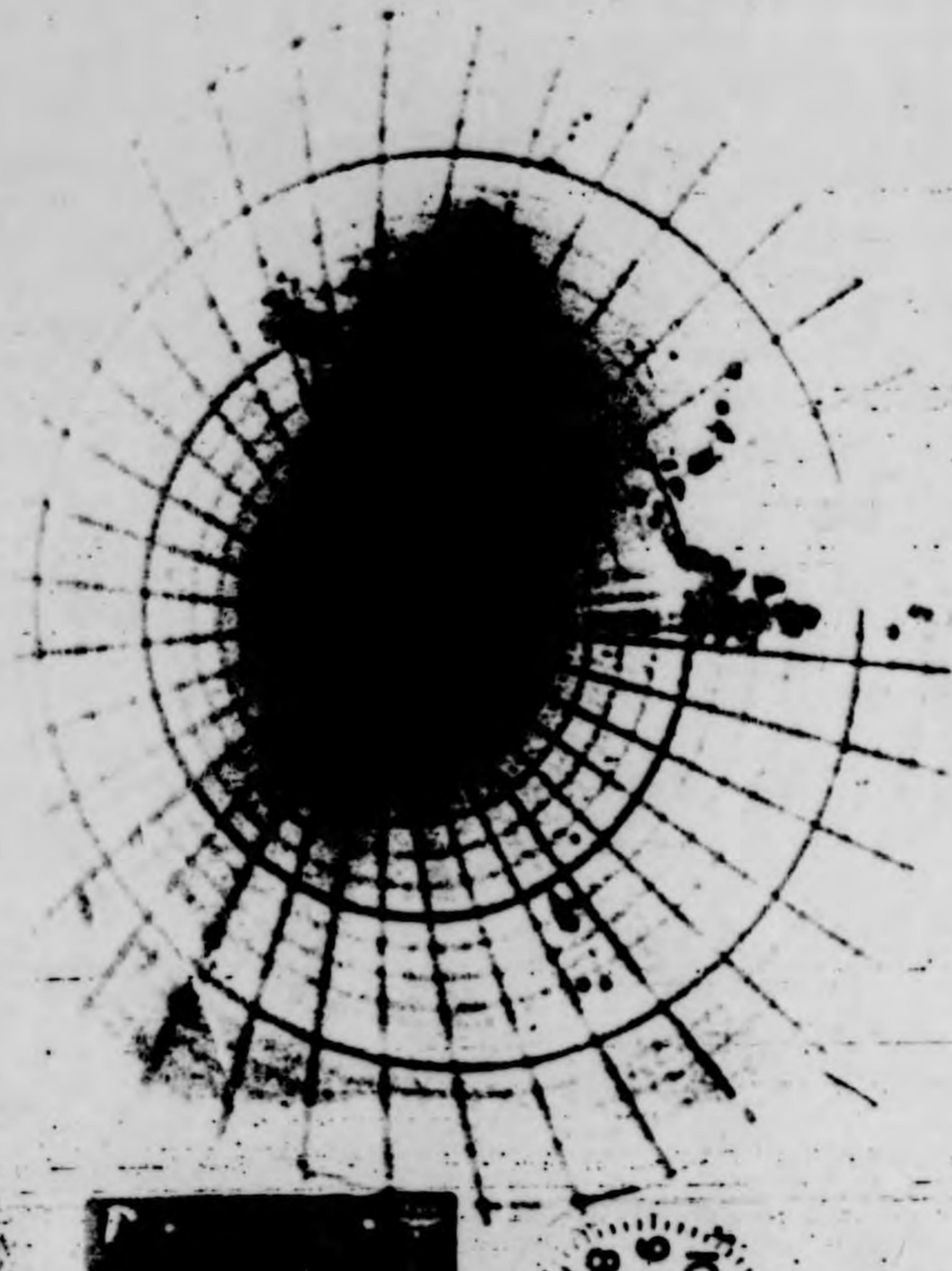
10. LOCATION OF AIR TRAFFIC

6. **Visuals** **Stimulus** **Background**

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11



25 July 1952, Osceola, Wisconsin

Targets on photos marked Inclosure "Point #2" are considered to be due to interference from another radar set operating very near the same frequency, pulse repetition rate and antenna rotation speed as the radar at Osceola. Indications are that this interfering radar is located in a South-Eastern direction from Osceola. It is considered possible that the AN/CPS-6B located at Milwaukee, Wisconsin, could have caused interference to the radar set located near Osceola.

The periodic appearance of the targets was caused by the slight difference in rotation speed of the two radar antennas - interference occurred when the two antennas were pointing towards each other.

Targets on photos marked Inclosure "Point #1" cannot be as accurately evaluated as those described above. However, since they occurred at about the same time as the others, it is considered possible that they too may have been caused by interference from the interfering radar signals.

Weather data would be useful in determining if some distant (200 plus miles) radar set could have caused the interference. The data needed are as follows:

- a. Temperature vs height.
- b. Moisture vs height.
- c. Cloud conditions.

R. L. Jones
Capt. R. L. Jones

Perf

1st edition

AP FORM 112—PART I
Approved 1 June 1948

THE PRACTICAL

Country USA Report No. 3-2 (Leave Blank)

AIR INTELLIGENCE INFORMATION REPORT

Subject

1920-1921

Area Reported On thirty (30) Roads Total Miles 35 or 675.

Date of Report: 10/10/2013 Date of Information: 10/10/2013 Evaluation: 10/10/2013

Date of Report 7 June 1952 Date of Information 29 July 1952 Evaluation Initial

Prepared by (Officer): **STELLEN, L. WALTER, Jr. (Lt. Col., USAF)** Source: **Ministry of Defense, April 1962**

References (Control numbers, directives, previous reports, etc.) A simple file may be used.

IVL 200-5 date 26 April 1951

Summary: Enter concise summary of report. Give significance of findings.

sentences paragraph 1185 (inclosure 3-1000-2) and the report on
report on A-1000-112—Part II).

19. *Leucosia* *leucostoma* (Fabricius) *leucostoma* (Fabricius) *leucostoma* (Fabricius)

During normal operations in the early morning of 29 July 1979, the

19. *Leucosia* *leucosia* (Linné) *leucosia* (Linné) *leucosia* (Linné)

Information relative to these unusual sightings is contained in this report.

The significance of this report lies in the fact that these findings are

Electronic sightings made and recorded by competent personnel.

Digitized by srujanika@gmail.com

EDWARD L. MORSE
Lt. Col.,
Commander.

I, A/12

being at 10,000 feet and had been to
20000 feet the same morning home
at 3:55 July 1922, 0130 A.M., reportedly
saw light Flashes in the sky at 3000
feet elevation and several miles
apart, having a short time. Flashes
appeared to be approximately 45 degrees
above a parallel to the horizon. Flashes
appeared about every ten seconds and
on a true course, arcing across the
sky, and traveling at an excessive
rate of speed.

~~of~~ of sound mind
do my duty that I have flushed
the ship going at a very fast speed;
up St. Ida three
and twenty times

THE OBJECT SEEMED TO
BE A SHOOTING STAR AT FIRST
BUT APPEARED AND DISAPPEARED
IN AN ARC STARTING ABOUT
OVER THE PUMP ROOM AND
EXTENDING TO ABOUT THE
BOILER SHACK. I WAS LOCATED
ON TOP OF THE OPERATIONS
BUILDING, OVER THIS ARC
IT APPEARED AND DISAPPEARED
ABOUT THREE TIMES.



I [REDACTED] being
of sound mind do hereby state
that I saw following occurrence
happen on the twenty-fifth (25th) day
of July 1952 at or around 0130 central
standard time. Standing on top
of operations road I saw flashes
of light at different intervals that
appeared as if they were in one
same cycle. These flashes of light
that were seen by me appeared to
be between 15 to 20 degrees above
the horizon and seemed to leave
a trace for a second.

[REDACTED]

Franklin

7
CASE 747 (contd)

of first sighting due to a GOC report of visual sighting of unidentified flying objects.

One F-51 aircraft was sent to sighting area for purpose of intercepting and/or identifying unknown targets. ~~This-a/c-occurred~~ Pilot did report visually sighting unidentified flying object but interception and/or identification was not possible. This action occurred between 0130S and 0255S.

One F-51 aircraft was in an area 50 to 70 nautical miles S and SSE of 45°15'N-92°38'5.4W between the altitudes of 6,000 to 10,000' during the sighting period.

ATIC Comments:

Report indicates that anomalous propagation was affecting the radar performance. This condition would allow detection of ground targets which are not normally detected. This would not explain movement of targets unless weather conditions were such that every target (ground) was not detected in each sweep of the antenna thereby causing an apparent movement of stationary targets.

A firm analysis cannot be made.

Conclusion:

Unknown

16 MM FILM

JULY 27, 1952

OSCEOLA, WISCONSIN

MULTIPLE OBSERVERS

IN CUSTODY OF AUDIO-VISUAL ARCHIVES

1975

AN INVESTIGATION OF THE

Emergency Services, Inc.

Report No.

3 Incls.

1. Series of eight (8) radar scope photographs
2. Series of three (3) radar scope photographs
3. One (1) observer's signed narrative statement

Distribution by Originator

A. D/I Hqs USAF
CG ADC

OG CAIR
OG 31st AD

B. Chief ATIC, ATIN: ATIA-2c

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SECURITY INFORMATION

one (1) hour.

3. MANNER OF SIGHTING: Sightings covered by this report were made by ground electronic equipment. Type of equipment—AN/CPS-6B; Frequency—972.5Mc to 3005Mc; PRF—600PPS; Antenna tilt—For sighting in which target was well defined blip (Reference is made to Incl. #1, this report) antenna tilt was nine (9) degrees, for other sightings (Reference is made to Incl. #2, this report) antenna tilt was five (5) degrees. All meter readings were normal and equipment was functioning properly.

4. LOCATIONS: Location of sighting station is 45/15N-92/30/W. Targets would appear on the radar scope in a general area twenty (20) to thirty (30) nautical miles southwest to south of sighting station and after traveling southeast would disappear from the radar scope in a general area thirty (30) nautical miles southeast of sighting station (Reference is made to Incl. #1 & #2, this report).

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(Classification unknown)

SECURITY INFORMATION

was sent to sighting area by the 674th ACW Sq., controller for purpose of intercepting and/or identifying unknown targets. This aircraft was from the 109th Ftr. Interceptor Sq., Hold Chamberlain AFB, Minnesota, Minn. Pilot did report visually sighting unidentified flying objects but interception and/or identification was not possible. This action occurred between 290130S and 290200Z.

10. INCIDENCE OF AIR TRAFFIC: One (1) F-51 type aircraft made an over flight 15/15-22/48 (50) to seventy (70) nautical miles south and south east of 45/52-22/48 5-AM between the altitudes of 6000 to 10000 feet during the sighting period.



WILLARD L. WORHEN
Lt. Col., USAF
Commanding

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(Classification)

10-10

1. 474105
2. 474106
3. C. 474107

✓ ✓ ✓

✓ ✓

HALF

PPG158

WYX226

JEDKF 063

PP JEDEN JEDWP JEPHO 333

DE JEDKF 01A

P 251645Z ZN

FM CG 574TH ACW 50 OSCAR 615

TO JEPHO/DAT INT HQ USAF WASHDC

JEDWP/CO ATIC WRIGHT PATTISON AFB OHIO ATIAA-2C

QJEDEN/CG ADC ENT AFB COLO

AL1/CG CAF KSC MO

GUJ/CG 31ST ADIV FT SNEEDING MIAMI

REF ID: A674-25-C-01. FLYING OBJECT SIGHTED BOTH ELECTRONIC AND VISUAL MEANS AT 250122S TO 251245Z. SIZE UNDETERMINED. SIZE OF BLIP VARIED. SPEEDS VARIED BETWEEN 14400 KNOTS AND 22000 KNOTS. REPORTS AND COMPUTATIONS SUBMITTED BY OFFICER CONTROL, 501ST AND AIRMEN ON DUTY THIS STATION AND TWO PILOTS AIRBORNE FRC 149TH FTR INTERCEPTOR SOON. TARGETS GENERALLY APPEARED EAST OF SIGHTING STATION AND PROGRESSED SOUTH. FT SNEEDING AT SIGHTING STATION AND AREA CAVU. LIGHTNING FLASHES FAR TO NORTH OF SIGHTING STATION DURING SIGHTINGS.

ACTION

OPERATIONAL IMMEDIATE

UATIAA

JATIA

3.C. Files

0095

RECCS

XX112

EDF

FOR JEDDE 310001Z SEP 66 3-33

E JEDDE 227

SEEDZ-ZNA

CO 2744 AG-21 300000Z SEP 66

0 JEPHQ/DX1 INT MO USAF WASHINGTON DC

EDF/CO ATIC AIR FORCE PATTERSON AFB OR 971 ATIAA-C

EDF/CG ADC ENT AFM COLO

EDF/CG CADF KSC HOU

EDF/CG 31ST ADIV FT SULLIVAN TEX

EDF/CG 31ST ADIV FT SULLIVAN TEX. REPORTS OBJECTS GROUND ELECTRONIC

EADS 232100Z SEP 66. SIZE UNKNOWN. SIZE OF THESE VARY. FOR IDENTIFICATION

EFFORT AND COMPUTATIONS IS LIMITED BY OTHER COMMISSIONED DUTY. THESE ARE

SCANNED FROM 10TH FTR IN 10000 FT SQUADRON. TARGETS APPEARED IN ELECTRONIC

AREA SURROUNDING FT SULLIVAN TEXAS. FATHER CAVI

31 1500Z JUL 71

244

674TH AIRCRAFT CONTROL AND DEFENSE SQUADRON
Oscceola, Wisconsin

7 August 1952

AIR DEFENSE

At 0730Z, 29 July 1952, we the undersigned, began to notice targets on our radar scopes just east of the Twin Cities. We had turned the antenna to 5° just prior to this because of a GOL report of an unusual object. The targets which we noted on the scopes were moving in a southeast direction at from 50 to 60 knots. They would appear about 30 miles in this manner then would fade. There would be 10 or these on the scopes at one time. At times it would appear that a formation was being flown by two or three of these. The targets continued to appear around the area about 5 to 15 miles east to northeast of the Twin Cities for an hour. These targets did not fly in the same track or the same headings. Some were making turns. The antenna tilt was 5° on these sightings to eliminate anomalous propagation on the scopes and pick up the targets.

The large targets appeared at 165° at a range of 15 miles. In less than a minute it was at 165° at 21 miles. It continued in this manner for about 20 miles and so at this time we had the antenna tilt to 10° . This target was moving east, traveling over 600 mph in a continuous track. It was extremely difficult to follow. No weather tracking was in the area. We were not receiving any electronic data.

QA/4 was scrambled because of these sightings. The QA/4 pilot observed what appeared to be shooting stars or comets with dust on several occasions when vectored toward the targets which were on our scopes. There were so many targets that we had the pilot patrol the general area east of St. Paul and south of the site of the 674th AD Squadron. The pilot observed one or two of these objects while doing this. He was at 25,000 feet and brought the data to the same level as 125,000 feet.

Frank Diamond Jr.
FRANK DIAHOND JR.
LTC, USAF
Controller

John F. Hart
J. F. HART
LTC, USAF
Controller

THIS CASE INCLUDES
TWO ENVELOPES WITH
11 PHOTO'S OF RADAR
SCOPE.

HEADQUARTERS UNITED STATES AIR FORCE

ROUTING AND RECORD SHEET

TALLY NO.	
FILE NO.	

SUBJECT:

FLYORBPT Rpt 8-1-52

TO: Air Technical Intelligence Center
ATTN: Capt Hardin

FROM: Directorate of Intelligence, DCS/O

DATE 26 MAR 1954

COMMENT NO. 1

Lt Col Smith/tjc/71092/AFOIN-X

1. The attached reports were brought to this office in April 1953, for information purposes.

2. Question: Is it possible to get a new radar sighting for the "Summary" from these reports?

W. K. SMITH
Lt Colonel, USAF
Directorate of Intelligence

1 Incl
Rpt 8-1-52 "FLYORBPT"
w/incls

TO: Directorate of Intelligence
Policy and Management Group
ATTN: Lt Col Smith, AFOIN-X

FROM: Air Technical Intelligence Center

DATE 9 APR 1954

COMMENT NO. 2

ATIAE-5/Capt C.A.Hardin/jos
73147/Bldg263A/Post A29 A⁶ 9.

1. In the reports referred to, it is believed that no connection actually exists between the visual and radar sightings; therefore, they would fall in the same category as many other simultaneous reports.

2. Paragraph 3 of the radar summary could logically be expanded with the following statement: "The large amount of ground clutter on the radar indicator is associated with anomalous (temperature and humidity conditions) weather conditions. The targets reported on photos marked 'Inclosure 1' most likely are different individual stationary ground targets. The signal amplitude of ground targets that are detected due to temperature inversion and/or moisture lapse may only paint occasionally or at a random rate. When several individual targets are painting in this random manner, it is quite easy to assume that a particular stationary target has moved from one location to another, resulting in apparent speed variations from zero to several thousand miles per hour.

3. There is no new data that will allow a more complete analysis.

1 Incl
n/c

R. C. SCHUM
CWO, USAF, ASST. Adj.
Air Technical Intelligence Center

29 July 1952, Osceola, Wisconsin

Report indicates that anomalous propagation was affecting the radar performance. This condition would allow detection of ground targets which are not normally detected. This would not explain movement of targets unless weather conditions were such that every target (ground) was not detected on each sweep of the antenna - thereby causing an apparent movement of stationary targets.

A firm analysis cannot be made.

Weather data: Temperature vs height, and moisture lapse vs height would be of some assistance in analysis.

See rpt dtd 25 July 52.

Capt R. L. James
18 September 1952

15/sec 900 mm 1000
10/sec 900 mm 600

23 JUL 1952 10 10 2

1. ATIAA
2. ATIA
3. C. Fds

1952 JUL 21 05

✓

1. ATIAA
2. ATIA
3. C. Fds

1952 JUL 25

16:52

RA151

WPG158

YMX206

HEDKF 263

PP JEDEN JEDWP JEPHQ 333

DE JEDKF 01A

P 251645Z ZNJ

FM CO 674TH AC&W SQ OSCEOLA WIS

TO JEPHQ/D/I INT HQ USAF WASHDC

JEDWP/CO ATIC WRIGHT PATTISON AFB OHIO ATIAA-2C

QJEDEN/CG ADC ENT AFB COLO

NL1/CG CADF KSC MO

CVJ/CG 31ST ADIV FT SNELLING MINN

674-25-G-01. FLYORBT OBJECTS SIGHTED BOTH
ELECTRONIC AND VISUAL MEANS AT 250122S TO 250245S. SIZE UNDETERMINED.
SIZE OF BLIP VARIED. SPEEDS VARIED BETWEEN 14400 KNTS AND 20000 KNTS.
REPORTS AND COMPUTATIONS SUBMITTED BY OFFICER CONTROLLERS AND
AIRMEN ON DUTY THIS STATION AND TWO PILOTS AIRBORNE FROM 109TH
FTR INTERCEPTOR* SQDN. TARGETS GENERALLY APPEARED EAST OF STATION
AND PROGREDED SOUTH WEST. WEATHER AT SIGHTING STATION AND SIGHTING
AREA CAVU. LIGHTNING FLASHES FAR TO NORTH OF SIGHTING STATION
DURING SIGHTINGS.

25/1650Z JUL 7VK

C4-1

SC-4 DROGUE, OR BRUGGEME
[REDACTED] to avitactiN being13 overread0
[REDACTED] .p2 WSOA DATA
674TH AIRCRAFT CONTROL AND WARNING SQUADRON, 1952
Osceola, Wisconsin

7 August 1952

A F F I D A V I T

At 0730Z, 29 July 1952, we the undersigned, began to notice targets on our Radar Scopes just east of the Twin Cities. We had tilted the Antenna to 5° just prior to this because of a GOC report of an unusual object. The targets which we noted on the scopes were traveling in a southeast direction at from 50 to 60 knots. After traveling about 30 miles in this manner they would fade. There were up to 10 of these on the scopes at one time. At times it would appear like a loose formation was being flown by two or three of these. The targets continued to appear around the area about 5 to 15 miles east to northeast of the Twin Cities for an hour. These targets did not fly in the same track or the same heading. Some were making turns. The Antenna tilt was 5° on these sightings to eliminate anomalous propagation on the scopes and pick up the targets.

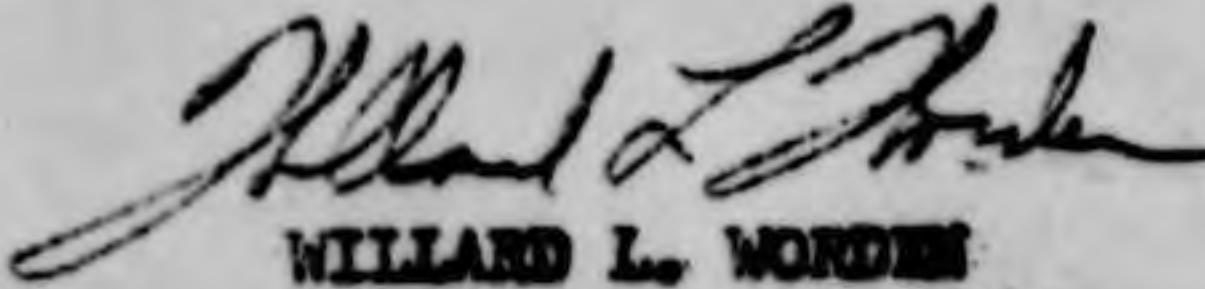
One large target appeared at 135° at a range of 19 miles. In less than a minute it was at 165° at 21 miles. It continued in this manner for about 70 miles and faded. At this time we had the Antenna tilted to 9°. This target was moving east, traveling over 600 MPH and made a continuous track. It was a clearly defined blip. No weather of any kind was in the area. We were not receiving any electronic interference.

An A/C was scrambled because of these sightings. The interceptor pilot observed what appeared to be shooting stars or comets with tails on several occasions when vectored toward the targets which were on our scopes. There were so many targets that we had the pilot patrol the general area east of St. Paul and south of the site of the 674th AC&W Squadron. The pilot observed one or two of these objects while doing this. He was at 25,000 feet and thought the things he saw were at 125,000 feet.

1st Lt., USAF

1st Lt., USAF

CLASSIFIED
BY 674TH AGM SQ. O.
HQ 674TH AGM SQ.
DATE: 8 AUG 1952
INITIALS WJ

Country USA	Report No. 3-52	(Leave Blank)
AIR INTELLIGENCE INFORMATION REPORT		
Subject FLYING		
Area Reported On thirty(30) Nautical Miles SE of 674th.	From (Agency) 674th AGM Sq.	
Date of Report 7 August 1952	Date of Information 29 July 1952	Evaluation
Prepared by (Officer) WILLARD L. WORDEN, Lt Col, USAF	Source Members of 674th AGM Sq.	
References (Control number, directive, previous report, etc., as applicable) AFL 200-5 dtd 26 April 1952		
Summary: (Enter concise summary of report. Give significance in final one-sentence paragraph. List inclosures at lower left. Begin text of report on AF Form 112--Part II.)		
<p>During normal operations in the early morning of 29 July 1952 numerous unidentified flying objects were sighted on the radar indicators of this unit. Information relative to these unusual sightings is contained in this report.</p> <p>The significance of this report lies in the fact that these sightings are electronic sightings made and recorded by competent personnel.</p>		
 <p>WILLARD L. WORDEN Lt Col, USAF Commanding</p>		
3 Incls. 1. Series of eight (8) radar scope photographs 2. Series of three (3) radar scope photographs 3. One (1) observer's signed narrative statement		
Distribution by Originator		
A. D/I Hqs USAF CG ADC	CG CADP CG 31st AD	B. Chief ATIC, ATTN: ATIAA-2c